

**CLAIM AMENDMENTS**

**IN THE CLAIMS**

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1-6. (Cancelled).

7. (Currently Amended) A drug delivery system comprising:  
~~a composition body~~ manufactured from a composition consisting essentially of silica fibers and a fusion source, wherein the fibers are fused together such that the ~~body composition~~ comprises a plurality of voids of a predetermined mean void size; and one or more drugs.

8. (Currently Amended) The drug delivery system of claim 7, wherein ~~at the~~ drug is an antibiotic.

9. (Currently Amended) The drug delivery system of claim 7, wherein the density of the ~~body composition~~ is between about 6 pounds per cubic foot and about 7 pounds per cubic foot.

10. (Currently Amended) The drug delivery system of claim 7, wherein the density of the ~~body composition~~ is between about 4 pounds per cubic foot and about 6 pounds per cubic foot.

11. (Currently Amended) The drug delivery system of claim 7, wherein the density of the ~~body composition~~ is between about 4 pounds per cubic foot and about 5 pounds per cubic foot.

12. (Currently Amended) The drug delivery system of claim 7, wherein the density of the bodycomposition is between about 3 pounds per cubic foot and about 5 pounds per cubic foot.

13. (Currently Amended) The drug delivery system of claim 7, wherein the density of the bodycomposition is up to about 12 pounds per cubic foot.

14. (Currently Amended) The drug delivery system of claim 7, wherein the density of the bodycomposition is up to about 16 pounds per cubic foot.

15. (Currently Amended) The drug delivery system of claim 7, wherein the density of the bodycomposition is up to about 39 pounds per cubic foot.

16. (Currently Amended) The drug delivery system of claim 7, wherein the bodycomposition comprises spherical particles having a mean diameter of about 300 microns to about 500 microns.

17. (Currently Amended) The drug delivery system of claim 7, wherein the drug is a hormone.

18. (Currently Amended) The drug delivery system of claim 7, wherein the drug is penicillin.

19. (Currently Amended) The drug delivery system of claim 7, wherein the drug is methylprednisolone acetate.

20. (Currently Amended) The drug delivery system of claim 7, wherein the drug is norethisterone.

21. (Previously Presented) The drug delivery system of claim 7, further comprising cells.

22. (Currently Amended) The drug delivery system of claim 7, wherein the composition further ~~comprising~~comprises one or more biodegradable polymers.

23. (Currently Amended) The drug delivery system of claim 7, wherein the body ~~is~~composition manufactured from ~~silica fibers~~comprises a composition consisting essentially ofmanufactured from alumina fibers, silica fibers, and a boron nitride fusion source.

24. (Currently Amended) The drug delivery system of claim 23, wherein the composition further ~~comprising~~comprises silicon carbide.

25. (Currently Amended) The drug delivery system of claim 24, wherein the composition further ~~comprising~~comprises carbon fibers.

26. (Currently Amended) The drug delivery system of claim 24, wherein the density of the body~~composition~~ ranges from about 3 pounds per cubic foot to about 12 pounds per cubic foot.

27. (Currently Amended) The drug delivery system of claim 7, wherein the ~~body~~~~composition~~ ~~manufactured from~~ ~~silica fibers~~comprises a composition is manufactured from a composition consisting essentially of silica fibers[,] and carbon fibers[,]~~and a fusion compound~~.

28. (Previously Presented) The drug delivery system of claim 7, further comprising a nutrient for cells.